

IN THE CLAIMS:

Please amend the claims as follows (complete listing of claims with markups according to Revised Format):

CLAIMS

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1. (currently amended) A process of identifying and managing applications for use with associated consumer electronic devices in a home network system, the process for execution by a gateway device communicatively coupled with each of the electronic devices via a home network, the gateway device being operative to access the Internet, comprising ~~the steps of:~~
 - (a) determining device ID information associated with at least one selected one of the consumer electronic devices in the home network system;
 - (b) determining a home network system configuration profile based at least on said device ID information;
 - (c) providing said home network system configuration profile to a selected server computing system via the Internet;
 - (d) downloading an application from the selected server computing system, the application being operative to provide a process associated with said electronic devices; and
 - (e) executing said downloaded application at the gateway device to provide a remote interactive process associated with said selected electronic devices.
 2. (currently amended) A process of identifying and managing applications as recited in claim 1 further comprising ~~a step of~~ determining a bandwidth capacity of the home network, and wherein ~~said step (b) determining a home network system configuration profile~~ further includes determining said home network system configuration profile based on said bandwidth capacity.
 3. (currently amended) A process of identifying and managing applications as recited in claim 1 further comprising ~~a step of~~ determining a user profile for a user of the home network system, and wherein ~~said step (b) determining a home network system configuration profile~~ further includes determining said home network system configuration profile based on said user profile.

4. (currently amended) A process of identifying and managing applications as recited in claim 1 further comprising ~~a step of~~ determining a history of use of the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said history of use.

5. (currently amended) A process of identifying and managing applications as recited in claim 1 further comprising ~~a step of~~ determining a total storage capacity of memory devices available in the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said total storage capacity.

6. (currently amended) A process of identifying and managing applications as recited in claim 1 further comprising ~~a step of~~ determining content decoding capabilities available in the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said content decoding capabilities.

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7. (currently amended) A process of identifying and managing applications as recited in claim 1 further comprising ~~a step of~~ determining security and decryption capabilities available in the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said ~~bandwidth capacity~~ security and decryption capabilities.

8. (currently amended) A process of identifying and managing applications as recited in claim 1 wherein ~~said step (b)~~ of determining device ID information associated with the selected devices connected with the home network comprises communicating with the selected devices via the home network.

9. (currently amended) A process of identifying and managing applications as recited in claim 1 wherein said device ID information associated with each of said selected electronic devices comprises vendor information indicative of a vendor of the associated device, and model information indicative of ~~the~~ a model of the associated device.

10. (currently amended) A process of identifying and managing applications as recited in claim 1 wherein ~~said step of downloading an application comprises the steps of:~~
determining a search key based on said device ID information; and
querying said server using said search key for an application associated with said selected devices.

11. (original) A process of identifying and managing applications as recited in claim 1 wherein said device ID information identifies at least two selected consumer electronic devices in the home network system, and wherein said downloaded application is a device interplay application that is operative to provide synergistic functions utilizing the resources of each of said selected devices.

12. (original) A process of identifying and managing applications as recited in claim 11 wherein said downloaded application is operative to remotely control said selected devices.

13. (original) A process of identifying and managing applications as recited in claim 12 wherein the home network provides for communicative coupling between said selected devices in order to exchange instructions and AV data between said selected devices.

14. (currently amended) A process of identifying and managing applications as recited in claim 12 further comprising ~~a step (c) of downloading content from the selected server computing system.~~

15. (currently amended) A process of identifying and providing applications associated with consumer electronic devices, the process for execution by a server computing system that is communicatively coupled with at least one client computing system via the Internet, comprising the steps of:

receiving a home network system configuration profile from a client computing system, the profile including device ID information indicating at least one selected consumer electronic device in a home network system;

determining a selected application associated with said selected devices based on said configuration profile; and

providing said selected application to the client computing system, said application including instructions executable by the client computing system for providing a process associated with said selected devices.

16. (currently amended) A process as recited in claim 15 wherein said device ID information comprises vendor information indicative of ~~the~~ a vendor of each of said selected devices, and model information indicative of ~~the~~ a model of each of said selected devices.

17. (original) A process as recited in claim 15 wherein the device ID information further comprises a serial number of each of said selected devices.

18. (original) A process as recited in claim 15 wherein said home network system configuration profile further comprises information indicating a bandwidth capacity of the home network.

19. (original) A process as recited in claim 15 wherein said home network system configuration profile further comprises information indicating a user profile for a user of the home network system.

20. (original) A process as recited in claim 15 wherein said home network system configuration profile further comprises information indicating a history of use of the home network system.

21. (original) A process as recited in claim 15 wherein said home network system configuration profile further comprises information indicating a total storage capacity of memory devices available in the home network system.

22. (original) A process as recited in claim 15 wherein said home network system configuration profile further comprises information indicating content decoding capabilities available in the home network system.

23. (original) A process as recited in claim 15 wherein said home network system configuration profile further comprises information indicating security and decryption capabilities available in the home network system.

24. (original) A process as recited in claim 15 wherein the client computer system is communicatively coupled with each of said selected devices, and wherein said selected application includes instructions executable by the client computing system for remotely controlling said selected devices.

25. (original) A process as recited in claim 15 wherein said device ID information identifies at least two selected consumer electronic devices in the home network system, wherein the client computer system is communicatively coupled with each of said selected devices, and wherein said selected application is a device interplay application that includes instructions executable by the client computing system for providing synergistic functions utilizing the resources of each of said selected devices.

26. (original) A process as recited in claim 15 wherein said device ID information identifies at least two selected consumer electronic devices in the home network system, wherein the client computing system is a gateway device communicatively coupled with said selected devices via a home network that enables exchange of instructions and AV data between said selected devices, and wherein said selected application comprises instructions executable by the gateway device for providing synergistic functions utilizing the resources of each of said selected devices.

27. (currently amended) A process as recited in claim 15 further comprising ~~the steps of:~~ determining selected media content based on said configuration profile; and providing said selected media content to the client computing system.

28. (currently amended) A process of identifying and accessing media content for use with associated consumer electronic devices in a home network system, the process for execution by a gateway device communicatively coupled with each of the electronic devices via a home network, the gateway device being operative to access the Internet, comprising ~~the steps of:~~

- (a) determining device ID information associated with at least one selected one of the consumer electronic devices in the home network system;
- (b) determining a home network system configuration profile based at least on said device ID information;
- (c) providing said home network system configuration profile to a selected server computing system via the Internet; and

(d) downloading selected media content from the selected server computing system.

29. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 further comprising ~~a step of~~ determining a bandwidth capacity of the home network, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said bandwidth capacity.

30. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 further comprising ~~a step of~~ determining a user profile for a user of the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said user profile.

31. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 further comprising ~~a step of~~ determining a history of use of the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said history of use.

32. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 further comprising ~~a step of~~ determining a total storage capacity of memory devices available in the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said total storage capacity.

33. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 further comprising ~~a step of~~ determining content decoding capabilities available in the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said content decoding capabilities.

34. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 further comprising ~~a step of~~ determining security and decryption capabilities available in the home network system, and wherein ~~said step (b)~~ determining a home network system configuration profile further includes determining said home network system configuration profile based on said ~~bandwidth capacity~~ security and decryption capabilities.

35. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 wherein ~~said step (b)~~ of determining device ID information comprises communicating with the selected devices via the home network.

36. (original) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 wherein said device ID information associated with each of said selected electronic devices comprises vendor information indicative of a vendor of the associated device, and model information indicative of the model of the associated device.

37. (currently amended) A process of identifying and ~~managing applications~~ accessing media content as recited in claim 28 wherein ~~said step of~~ downloading selected media comprises the steps of:

determining a search key based on said device ID information; and
querying said server using said search key for selected media content.

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[Please add the following new claims:]

38. (new) A gateway device coupled to a network of devices comprising:
an internet communications interface through which the gateway device achieves internet access;
a network communications interface through which the gateway device communicates with devices within the network of devices, wherein the gateway device communicates with the devices to determine device ID information for a selected one or more of the devices and a configuration profile of the selected one or more of the devices, further wherein the gateway device provides the configuration profile to a selected server computing system through the internet communications interface and downloads an application from the selected server

computing system, the application being associated with the selected one or more of the devices;
and

a processing circuit coupled to the internet communications interface and a network communications interface for executing the application to provide a remote interactive process associated with the selected one or more devices.

39. (new) The gateway device as claimed in claim 38 wherein the configuration profile is based on bandwidth capacity.

40. (new) The gateway device as claimed in claim 38 wherein the configuration profile is based on a user profile for a user of the network of devices.

41. (new) The gateway device as claimed in claim 38 wherein the configuration profile is based on a history of use of the network of devices.

42. (new) The gateway device as claimed in claim 38 wherein the configuration profile is based on total storage capacity of memory devices available in the network of devices.

43. (new) The gateway device as claimed in claim 38 wherein the configuration profile is based on content decoding capabilities within the network of devices.

44. (new) The gateway device as claimed in claim 38 wherein the configuration profile is based on security and decryption capabilities available within the network of devices.

45. (new) The gateway device as claimed in claim 38 wherein the device ID information comprises vendor information indicative of a vendor of the associated device and model information indicative of a model of the associated device.

46. (new) The gateway device as claimed in claim 38 wherein the application is operative to remotely control the selected one or more devices.

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47. (new) A server for communicating with a gateway device, the gateway device communicatively coupled to a network of devices, the server comprising:
a communication interface for communicating with the gateway device to receive a network system configuration profile from the gateway device, the configuration profile including device ID information indicating one or more selected devices within the network of devices; and

an application database including a plurality of applications, wherein a selected application from the application database is determined based on the configuration profile and further wherein the selected application is provided to the gateway device, the application including instructions executable by the gateway device for providing a process associated with the one or more selected devices.

48. (new) The server as claimed in claim 47 wherein the device ID information comprises vendor information indicative of a vendor of an associated device and model information indicative of a model of the associated device.

49. (new) The server as claimed in claim 48 wherein the device ID information further comprises a serial number of the associated device.

50. (new) The server as claimed in claim 47 wherein the configuration profile further comprises information indicating a bandwidth capacity of the network of devices.

51. (new) The server as claimed in claim 47 wherein the configuration profile further comprises information indicating a user profile for a user of the network of devices.

52. (new) The server as claimed in claim 47 wherein the configuration profile further comprises information indicating a history of use of the network of devices.

53. (new) The server as claimed in claim 47 wherein the configuration profile further comprises information indicating a total storage capacity of memory devices available in the network of devices.

54. (new) The server as claimed in claim 47 wherein the configuration profile further comprises information indicating content decoding capabilities available in the network of devices.

55. (new) The server as claimed in claim 47 wherein the configuration profile further comprises information indicating security and decryption capabilities available in the network of devices.

56. (new) A gateway device coupled to a network of devices comprising:
an internet communications interface through which the gateway device achieves internet access; and

a network communications interface through which the gateway device communicates with devices within the network of devices, wherein the gateway device communicates with the devices to determine device ID information for a selected one or more of the devices and a configuration profile of the selected one or more of the devices, further wherein the gateway device provides the configuration profile to a selected server computing system through the internet communications interface and downloads selected media content from the selected server computing system.

57. (new) The gateway device as claimed in claim 56 wherein the configuration profile is based on bandwidth capacity.

58. (new) The gateway device as claimed in claim 56 wherein the configuration profile is based on a user profile for a user of the network of devices.

59. (new) The gateway device as claimed in claim 56 wherein the configuration profile is based on a history of use of the network of devices.

60. (new) The gateway device as claimed in claim 56 wherein the configuration profile is based on total storage capacity of memory devices available in the network of devices.

61. (new) The gateway device as claimed in claim 56 wherein the configuration profile is based on content decoding capabilities within the network of devices.

62. (new) The gateway device as claimed in claim 56 wherein the configuration profile is based on security and decryption capabilities available within the network of devices.

63. (new) The gateway device as claimed in claim 56 wherein the device ID information comprises vendor information indicative of a vendor of the associated device and model information indicative of a model of the associated device.
